



From the Hot Seat...

WHAT MAKES THE CLUB TICK?

by Sam Sullivan N7RHE, President

The dynamics of this club are all the people volunteering to get things done. Whether it is to an elected position, chairing a committee or activity or being a member of an activity, it takes involvement for things to happen. The success this club has during field day and the major fund raising activity of the Flea Market is done by many hands and a belief in the club's activities.

To understand the behind the scenes resolution of short term issues, planning such as the annual budget and the formation of long term goals of the club, attend a board meeting or two. Better yet, become a member of the board. The one year elected positions are president, vice president, secretary, and treasurer. The trustees are two-year positions. The only job requirement is to be a member of the club. You don't need to be a specially trained expert just a desire to do something for the club. The annual election is in March. So far we have one person each nominated for the president, vice president, activity manager, and treasurer positions and six people for the two trustee positions. Note: we don't have anyone nominated for the secretary position. This is a very important but not difficult position – minutes for two meetings a month, check the post office box and custodian of the official club records. You don't even have to wait to be nominated, you can volunteer. It's your club please participate in the board.

For education ideas or to join the committees, contact Guy N7ZG. For the technical committee contact Dick K7NEX. If you have any ideas for a program or would like to present a program contact Dawn KC7YYB. To assist the radio officer contact Paul N7DOH. For field day, contact Brendan, KD7IKV or Steve, KD7IQL.

Communications Academy 2006

From www.commacademy.org

Confirmed Dates: April 1-2, 2006, at the Criminal Justice Training Center, Burien, WA. Registration to open about February 15, 2006. Academy 2006 will be the 8th annual Academy.

The Communications Academy is open to anyone with an interest in emergency communications, volunteer or professional. The presentations are designed to promote the development of knowledgeable, skilled emergency communicators who will support their local communities during a disaster or emergency response.

This year's keynote speaker is Barb Graff. Graff was appointed Director of Seattle Office of Emergency Management in June of 2005. Her responsibilities include managing the multi-hazard interdepartmental emergency management program for the City of Seattle and coordinating its relation to other emergency response agencies and community groups.

IN THIS ISSUE

From the Hot Seat	1	FM Committee Mins	6
Comm Academy	1	Country Store	6
Club Contact Info	2	General Meeting	7
Sights & Sounds	3	Board Meeting	8
Education Committee	3	Public Service	9
Club Website Report	3	MicroHams	9
Tech Spotlight-iPOD	4	Substitute	9
Fleamarket Primer	5	Ham Nets & Events	10



The *K7LED Relay*, published monthly, is the official newsletter of the Mike & Key Amateur Radio Club. Mike & Key ARC is an ARRL-affiliated club dedicated to the growth and betterment of Amateur Radio.

The club meets at 10 A.M. the third Saturday of every month at Salvation Army Headquarters, 720 S. Tobin Street, in Renton (near the southeast corner of Renton Airport). Anyone interested in Amateur Radio is invited to participate in the Mike & Key ARC and its activities. Annual dues are \$12 for individuals and \$18 for families.



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www.mikeandkey.org

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K7LED Repeaters

146.82 output / 146.22 input
(PL 103.5)
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Mike & Key Online -- Several club resources are available electronically:

On the Web — The club's site at 'www.mikeandkey.org' includes extensive information about club events: VEC testing, membership, past edition of the *Relay* and more.

Reflector — The public message board offers an easy and free way to converse with club members. To sign up, surf to: <http://groups.yahoo.com/mkarc>.

E-Relay — Want the newsletter in color and a day or two before the print edition arrives by regular mail? You will also save the club some money in printing and postage costs. To sign up, send a message to the editor: kg7ku@arrl.net.

Sights and Sounds by Sunrise

by Dawn Humphrey KC7YYB, Activities Chair

Greetings to all from your Activities Chair.

The program in February will be centered around two items: Flea market, and more nominations for our March elections.

Thank You for nominating me for another round.

Dan and I will be missing the February meeting, taking our leave for the sunnier climes. The Yuma ARC is having their hamfest that weekend. N7QHC Dan's brother has invited us to come set up shop there.

I have made arrangements for your former Activities Chair, Adrian to capably handle your raffle. There are four gifts available, so be sure and bring along extra cash to try your luck.

There have been rumblings about the type of prizes that I have chosen, not being ham radio related.

Well, folks, I've found that many of the hams seem to have specific ideas on what they want in the way of radio gear, so I have tried to find ancillary items that are generic in nature. In other words, something of value to about anyone who doesn't have one already. Something that can even be passed along to a non-ham if desired, so with that explanation, I'm hoping that you will continue to support the raffles, because the end of the year, as you saw, is when the more expensive radio items can be there for the lucky ones.

73 'til March

Education Committee to Meet Soon

by Hal Mueller KE7BYN

Greetings from all. I wanted to let you know that I have taken over as Education Committee Chair.

My most immediate priority is getting moving on a licensing class, to be held the first weekend of May (see page 3 in this issue for details).

In the near future, though, I am looking forward to working with the rest of the club leadership to present more technical programs. A couple of other ideas have been floated too. One is the idea of short beginners' training sessions before our

main club meeting, on some of those everyday radio tasks that sound hard until you've done them for the first time: HT programming, sending radiograms, finding repeaters. Another is the creation of a club Elmers list, by topic, so that someone interested in entering their first contest, putting up their first tower, or assembling their first kit has an idea of who to ask.

The Education Committee will gather informally on February 18, after the meeting and presentation, to choose a time for a more formal meeting. If you can't make that gathering, please at least come over and say hello, as there are a lot of members I still haven't met. You can reach me by email at ke7byn@arri.net.

Special Update: Web Report

by Jim Etzweiler KD7BAT, M&K Webmaster

I have received several requests from other web sites to add a link to their URL on the Mike and Key Links web page. Some of these may contain information useful to some of our members.

Sigurd, LB3KB, is a professional programmer and ham decided to make a contribution to the continued use of Morse code. He created a program that makes it easy to learn the code. The basic methods used to achieve this are Koch's method and Farnsworth timing. To learn more about his program and to download the program for use, visit his web site at <http://justlearnmorsecode.com/>

Electronics and radio Today, <http://www.electronics-radio.com/>. Electronics and Radio Today, the great e-zine resource for everyone interested in electronics and radio. The site gives a huge amount of information about electronics and radio topics and it is especially useful for anyone studying electronics. Included on the site are such topics and basic electronics and radio concepts, basic components, analogue circuits, logic circuits, radio, ham radio, constructional techniques and much more. This is a new site that will contain a host of articles, tutorials and projects about all aspects of radio and electronics.

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Several web sites offering test equipment have also sent in their URL for addition. The descriptions for each of the following are supplied by the submitter.

Global Test Supply,

<http://www.GlobalTestSupply.com>. New/Used Test Equipment from Agilent, Textronix & more. Global Test Supply sells, rents and leases electronic test and measurement equipment including oscilloscopes, spectrum analyzers, power supplies, multimeters, frequency counters, thermometers and megohmmeters from leading manufacturers such as Agilent, Tektronix, Fluke, BK Precision, Instek, Promax, Rohde & Schwartz and Extech.

TekNet Electronics,

<http://www.teknetelectronics.com/>. TekNet Electronics is an international supplier of quality refurbished test equipment, used test equipment, and electronic testing and measurement equipment for use in engineering, manufacturing, and service industries.

Our test equipment inventory includes: [network analyzers](#), [spectrum analyzers](#), [oscilloscopes](#), [multimeters](#), [signal generators](#), [calibrators](#), [power supplies](#), and etc. from the industry's leading manufacturers: [Agilent / HP](#), [Fluke](#), [Keithley](#), [Rohde & Schwarz](#), [Tektronix](#), [TTC / Acterna](#), and many others.

Calright Instruments, <http://www.calright.com/>.

Find Calright, Calright instruments, used test equipment, used electronic test equipment, refurbished test equipment and other pre-owned electronic test and measurement equipment to buy or rent.

Tech Spotlight... iPod Application

by Hal Mueller KE7BYN

What do an iPod and a straight key have in common? More than you think. The iPod can be a handy tool for ham radio.

I used my iPod to learn Morse code. I tried listening to tapes, and I tried Morse code training software on my computer. I just couldn't stand to be stuck at a desk listening to my

computer send dots and dashes to me. Then inspiration hit. I generated a set of short audio files, one for each letter, number, and punctuation mark. Each file has the Morse code symbol, a brief pause, and then the spoken name of the character. Now I had a set of audio flash cards.

I loaded them into my iPod and created several playlists, one for each standard teaching group of characters. The "shuffle play" and "repeat" functions put me into an endless loop of hearing the sound, guessing the meaning, and then hearing the correct answer. Now I had a training tool that I could listen to while walking around, or mowing the lawn. I still needed to go back to my computer for practice QSO's, but the iPod was the key to learning the letters.

You can download the audio flash cards at <http://homepage.mac.com/halmueller/.Public/morsecards.zip> (Yes, there is a period before Public. No, I don't know why Apple does it that way.)

Another great ham radio application comes from the "podcast"--an audio news report delivered over computer. For this, you don't even need an iPod. You can use Apple's free iTunes software from any Windows or Macintosh computer (download it at <http://www.apple.com/itunes/>). Podcasts began as independently produced, niche-oriented recordings with very small audiences. But in the last few months they've become mainstream. NPR, Nightline, CNN, and many other large organizations present their news stories as regularly updated free podcasts.

The ham radio community has followed this trend. At least three ham radio news broadcasts, formerly available only on a cooperating repeater, are now yours to listen to whenever you like. The easiest way to find them is to install iTunes (already done, if you're an iPod owner), click on the Podcasts icon, and search by title.

ARRL presents a weekly "ARRL Audio News". This one runs about 18 minutes, and is audio highlights from their weekly newsletter.

"Amateur Radio Newsline", which plays in Seattle on Monday nights on the PSRG repeater, is also available as an iTunes podcast. This one typically runs just short of 30 minutes.

"This Week in Amateur Radio", at a typical length of almost 2 hours, might be too much of a good thing for most of us. But if you listen to it as a podcast, you have the freedom to listen in small pieces--as well as a fast forward button.

Happy listening!

lock the doors and think about a nice dinner and maybe a few hours of sleep... zzzzzz...

FLEAMARKET NEWS: < March 11 >

A Fleamarket Primer

By Michael Dinkelman, N7WA

Realizing that new members to the Club may be hesitant to jump in and support the Fleamarket or wonder how it works, here is your blow by blow description of a typical event. All you old timers can skip this. (You've probably read it before because it hasn't changed much for the past couple years.)

Friday, March 10th, at the crack of dawn, roosters crowing, Hal, N7NW is going to drag himself down to the fairgrounds and start measuring the floor for tables and power drops. Also at that time, Gil KB7ZQT and the phone crew will start hanging their wires. Everybody else – please sleep in and have a nice leisurely breakfast. Tables can't be set up until the wires are hung and the drops are in place.

Somewhere between 9:30AM and 10AM, you big and little brutes can show up to start setting up. The more people who show up, the easier the work. Be sure to bring gloves and real shoes – we don't want any smashed toes or fingers. We have about 300 tables to setup and 500 chairs. With 20 people, working in 2 man teams, we can have the entire two floors setup easily in a couple hours. Remember, there is no need to park on to the fairgrounds itself unless you are bringing in setup materials. Everyone else park out at the Gold parking lot and come through the Administration entrance just west of the Gold Gate. Badges will be available at the loading door before 2PM and at the Gold Gate at all other times.

Friday 12 noon - For those who just put up 300 tables, it's a good time to take lunch and the Club will provide pizza and pop.

Friday 1PM - One hour to go before we let the sellers in. Hopefully, the pallet jacks have arrived. The tables should be ready. Last minute details abound. Put up signs. Set up announcing and the Country Store. Hang the banner out at the front gate. Test the phones. The clock ticks down. Registration ramps up.

Friday 2PM-8PM – This is it, we open the gates to the selling hoards who have been lined up since morning. They come in every type of vehicle. Small cars, big vans, and clunkers that don't even belong on the road. Each piled with the same junk... ah... I mean merchandise we have come to love and recognize from last year. They race through registration, afraid of losing their place in line. They load pallet upon pallet and we pull each one to it's place on the floor. The first two hours will be a mad house – everyone running every which way. It'll eventually slow to a continuous stream, hour after hour. As the sellers get setup, they start haggling between themselves. It becomes a social event as each gets caught up on the news from last year or the previous event. Finally, about 7:30PM, we start pushing everyone out the door. The gate closes and the stragglers get unloaded. By 8PM, we can

Saturday 5AM – BEFORE the crack of dawn and before any rooster in his right mind would crow, we are at the Gold gate waiting to get in. We have a half hour before we start letting sellers in again. Just enough time for a coffee, to unlock the loading doors, and remind ourselves about how much fun we are having. At 5:30AM, the loading process starts up again. Talk-in and announcing are busy, as is security. Someone needs to check electrical cords and make sure the fire extinguishers are not blocked.

Everyone has a job to do. As 7:30AM rolls around, the ticket booths are prepped and a line has already formed out at the corner. Come 8AM, we are selling tickets and the line makes its way to our front door. Meanwhile, inside, you would think we had already let the crowds in as the floor gets packed with sellers making last minute deals among themselves. By 8:30AM, we have closed the Orange gate - one half hour to show time. The last of the sellers are unloading and the Fire Department is making it's inspection. Get those pallets out of the aisles and stack 'em outside.

Saturday 9AM-3PM – It's show time! What can I say – I just pick out a spot that overlooks the front door and watch them come in. I see a lot of friends, waving as they go by. As the buyers enter, they try to decide if their luck would be better upstairs or down. The floor is getting packed. The pallet, traffic, and registration crews get to rest while others on the team are just getting started. The ticket sellers will be busy for hours while announcing and talk-in are helping the lost and confused. Security is trying to keep the people from using the wrong doors and the Country Store is doing whatever it is they do. (Oh! sell – that's right!) Next door, the VE team will be setting up to administer tests. Small fires come up here and there – a load needs moving, a seller needs tending. But overall, it'll be another fine event. Me, after a quick breakfast, it's time to shop.

Saturday 3PM – Most of the crowd has cleared. The last of the buyers are trying to eek out deals with the last of the sellers. The door prizes were finally all given out about 2 hours ago. Empty tables have appeared as sellers have sold out or otherwise packed off and left for the day. It's been a long day and we are all tired of people and radio's. Yet, the great egress is just starting. At 3PM, the sellers can grab pallets and start loading out. As they race to their vehicles, we take away the tables and chairs and start stacking them back up. Over the next 3 hours we will move out all those people it took 2 days to move in. Tempers will flare (but keep smiling), pallets run short, and the elevator will struggle with the load as we all sweat to move people and tables. But it'll all get done, the floors will be swept and we'll all marvel at the job we've accomplished. As many of us head for a Chinese dinner, we'll rehash the past two days events, stuff ourselves silly, and pat ourselves on the back and on the belly. Finally, after dinner, as we waddle our way to our cars - we'll realize we did it! Another successful flea market... and next year it'll be even better.

Sunday - zzzzzzzz.....

Fleamarket Committee Minutes

February 7, 2006

Attendance: Hal Goodell, Kathy Martin, Gary Bryan, Diane Dinkelman, Curtis Hanner, Pam Bryan, Jack Grimmet, Michael Dinkelman

Reports:

Hal - Insurance papers have been received. Hal will be doing the program at the Club meeting. Post-event dinner reservations have been made at the Chinese Restaurant. Working the fire permit.

Kathy – Need additional workers to act as ticket takers and hand stampers.

Gary – All looks OK. May need to stock up on some loading dock supplies (colored stickers). Loading crew will be manning the choke point this year.

Diane – First Floor is sold out. Second floor looks to be about 25% sold. All booths have been sold. Sales are slow.

Curtis – has Country Store banner and support structure. Everything looks good.

Pam – Staffing levels are better than last month. Still could use more. Went down and drove some of the new route so directions could be updated. Still need to run through the Route from 9th. Instead of door prizes this year, we will be drawing tickets on the half-hour for \$25 prizes. If not picked up, the prizes will accumulate until we get a winner.

Jack – Paid \$4500 deposit (non-refundable) to fairgrounds. Will have 'banks' ready for those who need them on Friday.

Michael – Kevin Barrows will handle the pallets. Wayne Heath has checked in and will arrive Friday assuming same budgets (for food) as last year. Worker badges for those who signed up prior to the upcoming meeting will be available for pickup. Those who scheduled work slots will also get a copy of their schedule. Bringing two propane heaters for the gate workers.

Country Store

by Curtis Hanner N7MWC

Many of the institutions of the Mike and Key club have existed for so many years that we take them for granted. This can be confusing for the new folks who don't even know what we are talking about. One such institution is the Country Store. The Country Store was created many years ago so that those working the Flea Market would be able to sell their used equipment. So we created a consignment store that sells the worker's gear free of charge. You simply bring your stuff to the Country Store on the second floor and fill out the paperwork. You are allowed up to 10 items per worker. Remember, this is a benefit for those *working* the Flea Market. It doesn't matter if you are a club member. If you are not working you can still consign your gear, but we will charge you a 10% consignment fee. If your gear sells the treasurer will mail you a check. If it hasn't sold then you will need to come and get it at the end of the show.

We also take donations at the Country Store. If you would like to help the club raise some extra money we would love to sell your items. We still need to have you fill out a form indicating that you are donating these items to the Mike and Key Club. Donations can be brought to the Country Store or you can drop them off at our home in Bellevue. Call or email me to make arrangements (Curtis n7mwc@hanner.com, 425-829-1407).

We will also be having the basket raffle again this year at the Country Store. This is another club fund raiser that we run. We have 8 to 12 baskets of donated items ranging from radios to Starbucks gift baskets. We sell 3 raffle tickets for \$1. You then drop your tickets in for the items you want to win. We will conduct the drawing at 11:30 AM. The items are donated so all the ticket sale proceeds go straight to the club.

So come upstairs and visit the Country Store. We will be easy to find as Diane Dinkelman has made us a fabulous new sign! We will have a dozen tables crammed full of used gear. There are some real hot deals, so come early. We are open Friday afternoon and all-day Saturday.

Country Store Chairs - Dawn Hanner (N7VWH) and Curtis Hanner (N7MWC)

**General Membership Meeting Minutes -
January 21, 2006:**

Officers present:

- √ President – Sam Sullivan (N7RHE)
- √ Vice President – Carolyn Pasquier (WV7Q)
- √ Secretary – Gary Bryan (KG7KU)
- √ Treasurer – Jack Grimmett (N7IHS)
- √ Activity Manager – Dawn Humphrey (KC7YYB)
- √ Radio Officer – Paul Roth (N7DOH)

Trustees present:

- √ No. 1 – Brendan Burget (KD7IKV) Chairman
- √ No. 2 – Dick Radford (WA7NIW)
- √ No. 3 – Guy Molinari (N7ZG)
- √ No. 4 – Dick Vance (K7NEX)
- √ No. 5 – Frank Tate (NA7O)

President Sullivan called the meeting to order at 10:00a.m. at the Salvation Army building in Renton, Wash. All members and guests recited the Pledge of Allegiance.

President Sullivan made several announcements: The Mike & Key ARC is affiliated with the ARRL, which members are encouraged to join; everyone, including visitors, should sign the rosters; visitors are reminded not to vote on membership matters; smoking is allowed in the parking lot but not in front of the chapel. Members and guests introduced themselves. Quorum present.

Minutes: Motion by Brendan KD7IKV and seconded by Ted N0YC to approve the minutes of the previous meeting as printed in the *K7LED Relay*. Motion passed.

Officer Reports

President – Sam N7RHE: A letter was received from Christine Fiffey-Brohaugh of the The Salvation Army in Renton, expressing their appreciation for the generous donation by the Mike & Key ARC during their Holiday drive. On a separate note, the next Mike & Key General Membership meeting is February 18.

Vice President – Carolyn WV7Q: New membership - Jeff Stevens KE7FRJ, voted on by the membership, and approved.

Secretary – Gary KG7KU: Nothing new to report at this time.

Treasurer – Jack N7IHS: The Club's books are in good order. Gave P&L and Balance Sheet summary.

Radio Officer – Paul N7DOH: Progress continues with the new Repeater.

Activity Manager – Dawn KC7YYB: Today's program is Clint Hurd KK7UQ, who will speak on Packet Radio and associated digital modes. Raffle items are available, please see me to participate.

Chairman of the Board – Brendan KD7IKV: The Audit Committee met this morning, conducted and concluded their review of the Club Finances, reaching approval. The Mike & Key Board meets January 25, at Galliano's Cucina in SeaTac.

Webmaster – Jim KD7BAT: Any ideas or content for posting to the website, please see me [Jim].

Standing Committee Reports

Technical – Dick K7NEX: Nothing new to report at this time.

Education – Guy N7ZG: Will put effort into getting classes put together for this Spring.

Facilities – Brendan KD7IKV: The club's assets have been inventoried.

Public Service – Dick WA7NIW: The Committee will meet following the presentation today, at Cedar River Smoke House.

Strategic Planning – Frank NA7O: Nothing new to report at this time.

Flea Market -- Mike N7WA: Please be sure to sign up for the Flea Market. We can still in need of more volunteers. Next month's General Membership meeting will feature the 'Flea Market' topic as the primary focus for the program. The next Committee meeting will be held Tuesday, February 7, 7pm, at the Dinkelman residence. Hal N7NW - the Puyallup Fairgrounds has completed some revisions to the streets access to some gates, so be sure to familiarize yourself early, especially for RV parking and such.

VE Exams -- Scott AG7T: There was a good session last month, with 14 Hams passing their license exams.

Field Day -- Steven KD7IQL & Brendan KD7IKV: New Rotor cables have been purchased. Planning continues in anticipation of purchasing new generators for Field Day. Meetings for Band chairs will begin soon.

Old Business -

Alligator Award- Michelle WA7PVE- Word has it on the 2-meter repeater that this award may need a makeover, perhaps 'Alligator II,' or [from the floor-] 'Snappy Turtle' award?

New Business -

Rita KD7CNU- Fort Flagler Work Party, February 3-5, see Brendan KD7IKV for details.

Sam N7RHE- Nominations. Open positions were presented and opened for membership participation. The results are as follows: President- Sam N7RHE; Vice-President- Carolyn WV7Q; Secretary- {none}; Treasurer- Jack N7IHS; Activity Manager- Dawn KC7YYB; Trustee #2 & #4- Dick WA7NIW, Gary KG7KU, Dick K7NEX, Steve KD7IQL, Alan KB7SVU, Jim KD7BAT.

Good of the Order - Nothing for the Good of the Order.

There being no further business, Dick K7NEX moved and Scott AG7T seconded a motion to adjourn. Approved and President Sullivan closed the meeting at 10:51a.m. Attested: Gary Bryan KG7KU, Secretary

**Board Meeting Minutes -
January 25, 2006:**

Officers present:

- √ President – Sam Sullivan (N7RHE)
- √ Vice President – Carolyn Pasquier (WV7Q)
- √ Secretary – Gary Bryan (KG7KU)
- √ Treasurer – Jack Grimmett (N7IHS)
- √ Activity Manager – Dawn Humphrey (KC7YYB)
- Radio Officer – Paul Roth (N7DOH)

Trustees present:

- √ No. 1 – Brendan Burget (KD7IKV) Chairman of the Board
- No. 2 – Dick Radford (WA7NIW)
- √ No. 3 – Guy Molinari (N7ZG)
- √ No. 4 – Dick Vance (K7NEX)
- √ No. 5 – Frank Tate (NA7O)

Visitors in attendance: Jim KD7BAT, Dan N7QHC, Dave KB7PSN

Chairman Brendan called the meeting to order at 7:00 p.m. at Galliano's Cucina in SeaTac, Wash.

Minutes: Motion by Dick K7NEX and seconded by Carolyn WV7Q to approve the minutes of the previous meeting. Motion passed.

Officer Reports

Chairman of the Board – Brendan KD7IKV: Still looking for someone for Nomination for Secretary. The February General Membership meeting will continue with considerations within the Nominations phase of Elected Club positions, and all Nominees must be present to accept. The next scheduled Board Meeting is February 22.

President – Sam N7RHE: Next General Membership meeting is February 18.

Vice President – Carolyn WV7Q: No new applicants.

Secretary – Gary KG7KU: Nothing new to report at this time. Brendan KD7IKV noted we have not received 'The Logger's Bark' Newsletter from the Radio Club of Tacoma in a while. General discussion followed, with an identified need to distribute the Mike&Key E-Relay to clubs in the Puget Sound and perhaps elsewhere. Gary will initiate an email to the M&K Board Members to collect a list of Ham Radio Clubs that should receive our newsletter by Email.

Treasurer – Jack N7IHS: An item will be discussed during the call for 'New Business.'

Activity Manager – Dawn KC7YYB: The Club Program for February will be the Flea Market, led by Mike N7WA.

Radio Officer – Paul N7DOH: Not present, no report.

Committee Liaison Reports

Facilities – Brendan KD7IKV: New keys to The Salvation Army building have started in the distribution process.

Strategic Planning – Frank NA7O: Nothing new to report at this time.

Technical – Dick K7NEX: Nothing new to report at this time.

Public Service – Dick WA7NIW: Not present. Brendan KD7IKV- Progress continues as the committee members verify information and contacts for the 2006 Puget Sound Guide. Ad sales have been good for this issue. Carolyn WV7Q asked if there would be a parade in Seattle following the Super Bowl, that might need Ham Radio help. Gary KG7KU will check with the Seafair Parade Marshals to see if there are any plans afoot.

Education – Guy N7ZG: Projections look good for holding a Study Group and Instruction for a Technician class this Spring. Among those who have volunteered to help, Harry W7JWJ and Mary W7QGP will help with instruction, and Hal KE7BYN is willing to Chair the committee for identifying other opportunities.

Field Day – Brendan KD7IKV: Progress is good in preparation and early planning for Field Day this year. The committee met immediately following the January General membership meeting.

Old Business-

Sam N7RHE- The Board members need to improve the By-Laws with regard the process for the Board to make decision via email in cases where there is urgency to act.

New Business-

Jack N7IHS- It has surfaced at various times, that there should be a revision in the reporting budget cycle for the Flea Market and associated costs reporting. Following a discussion, Sam N7RHE, made a motion that 'The Flea Market Budget reporting cycle be revised to begin June 1 and end May 31 of each year.' Dawn KC7YYB seconded. Motion passed.

Good of the Order- Nothing for the Good of the Order.

There being no further business, Frank NA7O moved and KC7YYB seconded a motion to adjourn. Approved and Chairman Brendan closed the meeting at 8:02pm. Attested: Gary Bryan KG7KU -- Secretary

**Public Service Committee Meeting Minutes -
January 21, 2006:**

Meeting called to order by Brendan

In attendance: Ted, Gary, Hal, Robert, Dave, Pam, Dawn, Dan, Steve, Brendan, Jim, Dick

Old Business:

Pamphlet Progress...

Area Nets: Gary reports updates in process, catching up on contact point for various nets. About 1/3 finished. Discussed how to present ARES information.

Public Service events list: Pam reports almost finished. Just a few that are not responding with dates. We can put them on the web page as the information becomes available.

Hamfests: Dawn reported confirmations on dates for 4 hamfests, more to follow, about 1/2 done.

Repeater listings: Robert has identified a handful of discrepancies having to do with locations, call signs, etc. Jim noted that there are some updates on the Web page that can be incorporated. About 2/3 finished

Ad Sales: HRO, Top Hat, Seafair, Angle Lake Locksmith, Mount Baker ARC, have confirmed, RePC, ALF, and Buddipole will be contacted.

Radio license exams: Ted reports that he is finished, disk delivered to Brendan.

Club Contacts: Steve and Gary report progress on their respective halves of the list.

Discussion of the cover color for this year's booklet. Decided to look at the samples that Brendan has and compare with previous years.

Discussion of making portions of the web page editable for updates on club contacts, events, etc.

Meeting adjourned.

MicroHAMS Offer General Course

by Hal Mueller KE7BYN

MicroHAMS, the Microsoft amateur radio club, is offering a General license upgrade course April 7-9, on their Redmond campus. Cost is \$35 and includes the W5YI General Class book from Gordon West, as well as the testing fee. They will also give a Technician course on May 12-14, \$35 including the W5YI Technician Class book and testing.

See www.microhams.com for more information. Preregistration is required.

73, Hal KE7BYN

Substitute

By Michael Dinkelman, N7WA

Frank Krieger KA7QHG held the job of opening up the Salvation Army building for years and, during that time, I would happily act as his substitute when he couldn't be there. When he had to finally back off and I took over, he acted as my substitute. Unfortunately, Frank is no longer with us but I've been lucky enough in the interim not to require a sub.

Well, those days are gone. I am looking for someone who can occasionally do the honors of getting doughnuts, unlocking the building, making coffee, and setting up the tables and chairs. It usually requires getting there about 8AM as the coffee takes an hour and people start arriving around 9AM. There would be a training session or two (you need to learn where everything is and how to handle the building security alarm).

Thank you for your consideration.

Ham Nets & Events for 2006 -- February / March

Nets are on 146.82 unless indicated otherwise

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12 2000 -- King County ARES (Weekly)	13 0545 & 1645 -- Weather Net 145.33 (M-F) MLK Parade at Westlake Ctr	14 2000 -- Snohomish County RACES 146.92 (Weekly)	15 2000 -- General /Tech Info 145.33 (Weekly) 2100 -- NWSOAR Net (Weekly)	16 2000 -- Computer & Packet Net 145.33 (Weekly) 2000 -- Amateur TV Net 147.08 (Weekly)	17 2000 -- Youth Net 145.33 (Weekly)	18 1000 -- M&K Club Meeting 1300 -- Ham exams Salem HamFest-Rickreall, OR
19 2000 -- Amateur TV Net 147.08 (Weekly)	20 2000 -- YL Net 145.33 (Weekly)	21	22 1900 -- Board Mtg	23 1900 -- Public Service Net 145.33 (Weekly)	24	25 0900 -- WA ARES HF Net 3.985 (Weekly)
26 2030 -- Snohomish Co. ARES 146.92 (Weekly) ChillyHillyBikeRide	27 1730 -- Puget Sound Traffic Sys. (Daily) 1800 -- WA Emerg. HF 3.985 (Weekly)	28	1 (March)	2	3	4 0900 -- NW Swap Net 145.33 (Weekly)
5 2200 -- NW Astronomy Net 145.33 (Weekly)	6 1830 -- WA ARES 3.985 (Weekly) 1930 -- PS Repeater 146.96 (Weekly)	7	8	9	10 Flea Market (Setup) Relay deadline	11 Flea Market
12	13	14	15	16	17	18 1000 -- M&K Club Meeting 1300 -- Ham exams